



2853 #3  
8-30-02

Attorney Docket No. 015776/0000 (B74376)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the Application of:  
Rudolf Epple

Serial No.: 10/083,345

Filed: 02/27/2002

REPRODUCTION METHOD FOR  
PRINTING

§ Group Art Unit: 2853  
§  
§ Examiner: Not Assigned  
§

CERTIFICATE OF MAILING

Pursuant to 37 C.F.R. Sec.1.8, I hereby certify that this paper is being deposited with the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on 8-16, 2002.

*Kelly Brezza*  
Kelly Brezza

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with the requirements of 37 C.F.R. §§ 1.97 and 1.98, attached please find a Form PTO-1449 listing information for consideration by the Office in connection with its examination of the above-captioned patent application. Copies of each document listed are enclosed herein.

In addition, the following is submitted as a partial translation of the document entitled "*Color Management: Current Practice and The Adoption of a New Standard*" by M. Has and T. Newman, July 30, 2000.

Translation of Cover Page:

"Philosophy and Technology of Color Management"

"POSTSCRIPTUM"

"COLOR"

"MANAGEMENT"

"GretagMacbeth"

Translation of Page 5:

"ON POSTSCRIPTUM COLOR MANAGEMENT"

*“PostScriptum Color Management* introduces you to the philosophy and technology of color management. You discover background details of the ICC standard, how color management works, what you need for it and how it can be expediently applied today in digital production environments. *PostScriptum Color Management* largely contains explanations which are platform-independent and is available in printed form in the software package of *Profile Maker Professional 3.0*.”

“Program-specific information on LOGO *Profile Maker Professional 3.0* is contained in the following documentation packages:”

“The *Reference Manual* explains systematically all menus and functions of the *Profile Maker Professional 3.0* software components and background technical details of the functions. The Reference Manual is available as PDF file separately for Apple Power Macintosh and Windows NT/Windows 95/98 on the installation CD.”

“The *User Tutorium* explains step by step use of the software components of LOGO *Profile Maker Professional 3.0* for specific main aims such as, for example, monitor calibration, compiling and editing profiles and processing special colors, etc. It is available as PDF file on the installation CD of *Profile Maker Professional 3.0*.”

Translation of Page 9:

“WHY COLOR MANAGEMENT?”

“Color management has existed for as long as color has been reproduced. There is nothing more to it than the job of constantly and foreseeably processing color data during the entire working process. To do so, one must be familiar with and have a command of the various characteristics of the system components involved in the reproduction process, which influence the color information. With the advent of fully digital reproduction processes and new media for reproducing information, new strategies are required for consistent color processing. The following sections explain the technical reasons why the classic color processing methods are no longer adequate in modern, open system worlds.”

“Traditional reproduction environments – from digitizing the image to printing – were mostly closed systems in which one operated on a CMYK basis. Scanners and

exposure devices were calibrated and linearized for consistent color communication (i.e. the safe conveyance of color information through the production chain). To this end, the brightness values or levels of area coverage of a gray level scale were calibrated at a reference value for each color channel (C, M, Y and K). In addition, the exchange of characteristic curves of copying and printing ensured that changes in the dots or image elements due to process technology could be compensated for one another. The information required for this was determined and monitored with the use of densitometers.”

Translation of page 10, upper half:

“A scanner operator scanned in originals, stored these in the CMYK mode and processed them directly via the parameter adjustments on the scanner for a specific printing process. An individual overall ink application and black build-up, which complied with the printing process but was also dependent upon the motif itself, was defined for each CMYK image. The characteristics of the printing paper, the printing inks and the printing principle had to be taken in to account. In addition, characteristic curves of printing were often taken into account in the set of image data during the scanning operation so as to take the process-related dot gain of a printing machine into consideration in the image data. The quality and color fidelity of the CMYK image reproduction depended solely on the highly qualified scanner operator who had to be familiar with all the process-specific characteristics of the printing processes for all the printing companies supplied.”

Applicants submit that no representation is made, and no representation is intended, that more relevant material does not exist, or that the order of presentation of these materials in any way reflects their relative pertinence. The listing on the attached Form PTO-1449 is not intended to constitute an admission of any kind. Specifically, this presentation is not an admission that any of the items listed are properly citable against the above-identified application as prior art.

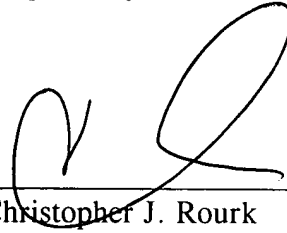
Applicants respectfully submit that their invention is patentable over the enclosed documents listed on Form PTO-1449.

The Commissioner of Patents and Trademarks is hereby authorized to charge any fee deficiency or to credit any fee overpayment relating to this matter to Deposit Account

No. 01-0657.

Respectfully submitted,

By:



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8/15/02

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U.S. Department of Commerce  
Patent and Trademark Office  
INFORMATION DISCLOSURE  
STATEMENT  
(Use several sheets if necessary)

Att. Docket No.: B74376 (015776.0000) S/86 10/083 245

Applicant: Rudolph Epple

Filing Date: 02/27/2002

Group: 2852800

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## U.S. PATENT DOCUMENTS

| Initial |    | Document Number |   |   |   |   |   |   |  | Date       | Name         | Class | Sub-Class | Filing Date if Appropriate |
|---------|----|-----------------|---|---|---|---|---|---|--|------------|--------------|-------|-----------|----------------------------|
|         | AA | 5               | 3 | 0 | 9 | 2 | 4 | 6 |  | 05/03/1994 | Barry et al. | 358   | 298       | 09/18/1991                 |
|         | AB |                 |   |   |   |   |   |   |  |            |              |       |           |                            |
|         | AC |                 |   |   |   |   |   |   |  |            |              |       |           |                            |
|         | AD |                 |   |   |   |   |   |   |  |            |              |       |           |                            |
|         | AE |                 |   |   |   |   |   |   |  |            |              |       |           |                            |

## FOREIGN PATENT DOCUMENTS

| Initial |    | Document Number  | Date       | Country         | Class | Sub-Class | Translation |    |
|---------|----|------------------|------------|-----------------|-------|-----------|-------------|----|
|         |    |                  |            |                 |       |           | Yes         | No |
|         | AF | EP 0 687 102 A2  | 12/13/1995 | European Patent |       |           |             |    |
|         | AG | EP 0 538 901 B1  | 05/20/1998 | European Patent |       |           |             |    |
|         | AH | EP 0 734 151 B1  | 06/14/2000 | European Patent |       |           |             |    |
|         | AI | DE 696 08 842 T2 | 01/11/2001 | German Patent   |       |           |             |    |
|         | AJ |                  |            |                 |       |           |             |    |

## Other Documents (Title, Author, Date, Pages, Etc., if known)

|  |    |  |
|--|----|--|
|  | AK | Printed Publication, "Offset Printing", extract from "Getting It Printed" by M. Beach, revised edition, March, 1999.   |
|  | AL | Printed publication, "Philosophy of Color Management, Postscript Color Management", by S. Brües, L. May and D. Fuchs, 2 <sup>nd</sup> edition, February, 2000. |
|  | AM | Printed publication, "Color Management: Current Practice and The Adoption of a New Standard" by M. Has and T. Newman, July 30, 2000 (Partial Translation).     |
|  | AN |  |

Examiner's Signature

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant(s).